

Title (en)
Process for preparation of aluminoxane.

Title (de)
Verfahren zur Herstellung von Aluminoxan.

Title (fr)
Procédé de préparation d'aluminoxane.

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Application
EP 90102782 A 19900213

Priority
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Abstract (en)
The present invention relates to a process for preparing aluminoxane which comprises reacting an organoaluminum compound and water in a solvent system containing solvent having a higher boiling point than that of the organoaluminum compound, and condensing the resulting reaction mixture under atmospheric pressure or reduced pressure. The present invention further relates to a process for preparing aluminoxane which comprises reacting an organoaluminum compound and water, adding a solvent system containing solvent having a higher boiling point than that of the organoaluminum compound to the above obtained reaction mixture, and condensing the resulting solution under atmospheric pressure or reduced pressure. In accordance with the process of the present invention, high purity and high activity aluminoxane can be produced in a simplified manner. Moreover, a solution of high purity aluminoxane obtained by the process of the present invention can be used as such as a catalyst component for production of olefin-based polymers and styrene-based polymers and thus it does not need a step of dissolving or preparing a slurry.

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